



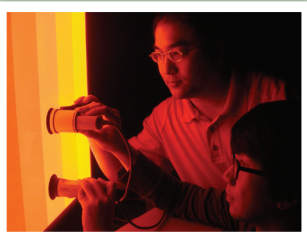
South Carolina's SmartState™ Program is creating jobs, energizing the state's economy, and improving the quality of life for citizens.

Jobs:

More than **5,000** new jobs in South Carolina, most of which are high-paying, knowledge-based positions. The average salary for these jobs is \$63,000, more than twice the average annual salary in South Carolina.

Infrastructure:

49 cutting-edge research centers at Clemson, MUSC, and USC, which are helping make South Carolina a leader in high-tech fields such as automotive engineering, cancer research, and energy.



Talent:

37 of the world's leading scientists and engineers (SmartState Endowed Chairs) already recruited to South Carolina.

Commercialization:

More than **24** U.S. and international patents awarded to SmartState researchers so far; **15** start-up companies based on SmartState research.



Economic Impact:

More than **\$400 million** in in-state investment from private companies and foundations and federal agencies. The state has received a 2-to-1 return on its investment of lottery dollars.

About the SmartState Program

The SmartState Program was created by the South Carolina legislature in 2002 and is funded through S.C. Education Lottery proceeds. The legislation authorizes the state's three public research institutions, Medical University of South Carolina, Clemson University, and the University of South Carolina, to use lottery funds to create Centers of Economic Excellence in research areas that will advance South Carolina's economy. Each Center is awarded from \$2 million to \$5 million, which must be matched on a dollar-for-dollar basis with non-state investment from private companies or federal agencies. Each Center is led by one or more top scientists or engineers—SmartState Endowed Chairs—who are recruited to South Carolina based on their past achievements and their potential to continue making important discoveries in their fields.



"The SmartState Program is an extraordinary effort by the state of South Carolina to invest in its Knowledge Economy and is a best-in-kind program that is, or should be, the envy of other states. The state and its senior research universities are to be applauded for nurturing the SmartState Program and for deploying it as a powerful tool for the creation of high-wage jobs and improvement in the quality of life for South Carolina citizens."

—Washington Advisory Group
SmartState Comprehensive Program Evaluation

The SmartState Program Highlights:

Corporate relocations related to the SmartState Program include BMW, American Titanium Works, Trulite, Proterra, and others.

SmartState-related corporate relocations have and will result in hundreds of millions of dollars entering South Carolina's economy. Timken and BMW have located research and development offices on the Clemson University International Center for Automotive Research (CU-ICAR) campus in Greenville, creating 500 jobs. American Titanium Works is bringing more than 360 jobs to Laurens County and Greenville. Fuel cell company Trulite is relocating to Columbia, which could mean as many as 1,000 new jobs. Electric vehicle maker CT&T is bringing 370 jobs to Spartanburg County. Electric bus manufacturer Proterra will bring as many as 1,300 jobs to Greenville. The total investment from these corporate relocations is more than \$500 million.

Facilitating development of fast-growing start-up companies based on SmartState research.

A start-up from the Regenerative Medicine SmartState, FirstString Research, is moving into Phase II clinical trials with its revolutionary wound-healing technology. Company leaders believe they are five years from building a world-class manufacturing facility in South Carolina, which could create thousands of jobs. In total, 15 start-up companies are now up and running in South Carolina based on SmartState research. Another SmartState start-up Sim Tunes sublicensed its technology to a Norway-based company that will distribute its products worldwide.

Supporting advanced degree programs that provide better opportunities for students and generate a talented workforce for companies.

Because of the SmartState Program and CU-ICAR, Clemson was the first institution of higher education in the nation to offer a Ph.D. in Automotive Engineering. Clemson also will soon offer the nation's second Ph.D. in Photonics Science.

Bringing millions of corporate and foundation dollars into South Carolina.

More than 25 companies and foundations have invested at least \$500,000 in the SmartState Program including BMW, Michelin, Timken, Bank of America, Roche Carolina, GlaxoSmithKline Pharmaceuticals, Fluor, Smith & Nephew, the Duke Foundation, and numerous others. These investments have brought millions into South Carolina's economy.

Increasing the amount of grants flowing into South Carolina.

In FY2010 alone, SmartState research team grants resulted in more than \$50 million entering the state, and SmartState researchers were integral to the Medical University of South Carolina receiving two additional \$20 million federal biomedical research awards.

Improving the state's health care system.

The SmartState in Clinical Effectiveness and Patient Safety has developed a statewide network of health care simulation centers, which have trained 16,000 physicians, nurses, technicians, and students since 2008. The Stroke SmartState has implemented a program that provides round-the-clock, Internet-based stroke consultation for patients in rural areas of the state. To date, it has helped more than 1,000 patients.



View the SmartState program annual report:

www.SmartStateSC.org